

# 2012 Opportunities

## Rhode Island's Occupational Outlook for 2012

**Rhode Island employment is expected to increase by over 58,000 jobs during the 2002-2012 projection period. Employment in 2012 is projected to reach 563,909; an increase of 58,348 (11.5%) from the 2002 employment level of 505,561.**

Job gains are expected in nearly all major industrial sectors of the economy, with the largest gains occurring in **Health Care and Social Assistance (+16,227)** and **Accommodation and Food Services (+9,016)**. Within the Health Care and Social Assistance Sector, Ambulatory Health Care Services (+5,233), Nursing and Residential Care Facilities (+5,070), Hospitals (+3,448), and Social Assistance Services (+2,476) are all expected to grow at above average rates. This sector is expected to account for 28 percent of all new job growth in the state.

The **Accommodation and Food Services** sector, which includes Food Services and Drinking Places (+7,886) and Accommodation (+1,130), is expected to account for 15

percent of all new jobs created during the projection period. Significant employment gains are also expected in **Educational Services (+6,045)** and **Retail Trade (+6,001)**. The **Construction** sector is anticipating additional growth of nearly 5,000 new jobs with Specialty Trade Contractors (+3,159) accounting for 65 percent of the sector growth.

Following the national trend, **Manufacturing** is expected to decline by 13.5 percent. Employment will decline in this sector by nearly 8,400 jobs with the largest losses occurring in Miscellaneous Manufacturing (-3,026), Fabricated Metal Products (-1,781), and Textile Mills (-1,457). Approximately 20 percent of the decline will be offset by gains in Chemical Manufacturing (+1,677).

### Employment by Major Industry

NAICS Code	Sector Title	2002	2012	Absolute Change	Percent
	<b>Total All Industries</b>	<b>505,561</b>	<b>563,909</b>	<b>58,348</b>	<b>11.5%</b>
(11)	Agriculture, Forestry, Fishing and Hunting	756	870	114	15.1%
(21)	Mining	224	276	52	23.2%
(22)	Utilities	1,159	1,175	16	1.4%
(23)	Construction	19,317	24,150	4,833	25.0%
(31-33)	Manufacturing	62,159	53,785	-8,374	-13.5%
(42)	Wholesale Trade	16,401	16,580	179	1.1%
(44-45)	Retail Trade	52,699	58,700	6,001	11.4%
(48-49)	Transportation and Warehousing	9,649	10,995	1,346	13.9%
(51)	Information	11,127	12,765	1,638	14.7%
(52)	Finance and Insurance	24,929	28,455	3,526	14.1%
(53)	Real Estate and Rental and Leasing	6,126	6,670	544	8.9%
(54)	Professional, Scientific, and Technical Services	18,927	24,190	5,263	27.8%
(55)	Management of Companies and Enterprises	6,416	8,000	1,584	24.7%
(56)	Administrative and Waste Services	23,333	25,925	2,592	11.1%
(61)	Educational Services	44,215	50,260	6,045	13.7%
(62)	Health Care and Social Assistance	69,963	86,190	16,227	23.2%
(71)	Arts, Entertainment, and Recreation	7,097	8,905	1,808	25.5%
(72)	Accommodation and Food Services	40,504	49,520	9,016	22.3%
(81)	Other Services (Except Government)	17,634	20,390	2,756	15.6%
(92)	Government	33,961	34,810	849	2.5%
	Self-Employed, Unpaid Family & Unclassified	38,965	41,298	2,333	6.0%

## Opportunities by Occupation

Occupational projections are based on two primary factors – change in industry employment and changes in the mix of occupations that industries use. Job openings result from the need to replace workers who leave an occupation and the need to fill vacancies created by business expansion. During the 2002-2012 projection period, it is estimated that employers will need to find workers to fill over 178,000 job openings. Nearly one third of the projected job openings are attributed to the economic growth that is expected to occur during the projection period. The remaining openings are due to replacement needs resulting from employee turnover. This need to replace workers who leave an occupation is the largest source of job openings for workers entering most occupations.

Among the major occupational groups, the greatest number of expected job openings are in Food Preparation and Serving Related Occupations (+ 25,612), Office and Administrative Support Occupations (+21,316), Sales and Related Occupations (+20,978), and Healthcare Practitioners and Technical Occupations (+12,734). Occupational declines result from declining industry employment and from technological change. The only occupational group with expected declines is Production Occupations (-9.3%). It is important to note that while no new production job openings are expected, there will still be a demand for workers in this occupational group resulting from the need to replace workers who leave their jobs.

### Employment by Major Occupational Group

SOC Code	Occupational Title	Employment 2002	Employment 2012	Openings by Growth	Replacements	Growth Rate
	<b>Total</b>	<b>505,561</b>	<b>563,909</b>	<b>58,348</b>	<b>120,030</b>	<b>11.5%</b>
(11-0000)	Management	22,499	25,740	3,241	4,234	14.4%
(13-0000)	Business and Financial Operations	20,944	25,310	4,366	3,710	20.8%
(15-0000)	Computer and Mathematical	10,047	12,838	2,791	1,442	27.8%
(17-0000)	Architecture and Engineering	8,214	8,618	404	1,822	4.9%
(19-0000)	Life, Physical, and Social Science	4,255	5,069	814	979	19.1%
(21-0000)	Community and Social Services	9,735	12,095	2,360	1,851	24.2%
(23-0000)	Legal	4,884	5,690	806	567	16.5%
(25-0000)	Education, Training, and Library	31,597	37,090	5,493	6,700	17.4%
(27-0000)	Arts, Design, Entertainment, Sports & Media	7,534	8,417	883	1,381	11.7%
(29-0000)	Healthcare Practitioners and Technical	32,321	38,949	6,628	6,106	20.5%
(31-0000)	Healthcare Support	15,868	20,210	4,342	2,462	27.4%
(33-0000)	Protective Service	10,845	11,641	796	3,133	7.3%
(35-0000)	Food Preparation and Serving Related	41,528	50,067	8,539	17,073	20.6%
(37-0000)	Building & Grounds Cleaning & Maintenance	17,467	19,279	1,812	3,486	10.4%
(39-0000)	Personal Care and Service	16,006	18,993	2,987	3,802	18.7%
(41-0000)	Sales and Related	50,290	55,223	4,933	16,045	9.8%
(43-0000)	Office and Administrative Support	85,604	87,610	2,006	19,310	2.3%
(45-0000)	Farming, Fishing, and Forestry	1,883	3,032	1,149	527	61.0%
(47-0000)	Construction and Extraction	23,267	27,767	4,500	4,371	19.3%
(49-0000)	Installation, Maintenance, and Repair	16,491	18,840	2,349	3,769	14.2%
(51-0000)	Production	44,660	40,490	-	10,675	-9.3%
(53-0000)	Transportation and Material Moving	29,622	30,941	1,319	6,585	4.5%

## Fastest Growing Jobs

It is projected that the Rhode Island economy will generate 58,348 new jobs during the 2002-2012 projection period. The fastest growing occupations in Rhode Island are those with both a projected 2012 employment level of 500 or more and a growth rate of at least 23.0 percent, twice the average for all occupations.

Occupational Group	Employment		Growth	Total	
	2002	2012		Replacements	Total
Registered Nurses	12,276	15,518	3,242	2,569	5,811
Waiters and Waitresses	10,223	12,646	2,423	5,260	7,683
Combined Food Preparation and Serving Workers	7,277	9,298	2,021	3,154	5,175
Home Health Aides	3,068	4,176	1,108	402	1,510
Social and Human Service Assistants	2,116	3,200	1,084	373	1,457
Teachers, Primary, Secondary, and Adult, All Other	2,088	2,682	594	257	851
Computer Systems Analysts	1,935	2,592	657	219	876
Personal and Home Care Aides	1,743	2,305	562	279	841
Medical Assistants	1,528	2,253	725	283	1,008
Management Analysts	1,549	2,119	570	212	782
Loan Officers	1,484	1,838	354	238	592
Securities, Commodities & Financial Services Agents	1,281	1,687	406	145	551
Computer Software Engineers, Applications	1,097	1,589	492	108	600
Special Education Teachers, Preschool, Kindergarten, and Elementary School	1,216	1,498	282	290	572
Fitness Trainers and Aerobics Instructors	1,075	1,415	340	247	587
Dental Assistants	1,090	1,404	314	305	619
Medical and Health Services Managers	1,046	1,319	273	204	477
Computer and Information Systems Managers	995	1,309	314	181	495
Personal Financial Advisors	744	1,249	505	97	602
Paralegals and Legal Assistants	847	1,100	253	68	321
Heating, Air Conditioning, and Refrigeration Mechanics and Installers	787	1,065	278	105	383
Physical Therapists	804	1,043	239	79	318
Financial Analysts	774	986	212	114	326
Network and Computer Systems Administrators	747	961	214	83	297
Graduate Teaching Assistants	747	957	210	169	379
Rehabilitation Counselors	728	916	188	166	354
Medical Records and Health Information Technicians	649	887	238	93	331
Computer Software Engineers, Systems Software	637	871	234	63	297
Public Relations Specialists	693	865	172	99	271
Financial Specialists, All Other	683	852	169	120	289
Construction Managers	681	849	168	123	291
Dental Hygienists	626	779	153	53	206
Amusement and Recreation Attendants	580	754	174	167	341
Sheet Metal Workers	603	748	145	145	290
Personal Care and Service Workers, All Other	556	727	171	120	291
Computer Specialists, All Other	521	721	200	59	259
Medical Scientists, Except Epidemiologists	570	711	141	100	241
Emergency Medical Technicians and Paramedics	550	692	142	63	205
Manicurists and Pedicurists	542	678	136	105	241



# Rhode Island High Demand Occupations 2002 - 2012

The top fifty occupations with the greatest number of annual openings represent numerous opportunities for finding employment in the years ahead. They are considered “High Demand” occupations. It is projected that during the 2002-2012 period, employers will need to fill over 178,000 jobs resulting from employee turnover and economic growth. Rhode Island businesses will seek to fill over 17,800 positions each year, more than half of these openings will occur among the occupations listed below.

Occupational Title	Annual Openings	Occupational Title	Annual Openings
Waiters and Waitresses	768	Bartenders	147
Cashiers	661	Social and Human Service Assistants	146
Retail Salespersons	657	First-Line Supervisors/Managers -	
Registered Nurses	581	Retail Sales Workers	145
Combined Food Preparation		Secretaries	141
& Serving Workers	518	Automotive Service Technicians & Mechanics	139
Nursing Aides, Orderlies, and Attendants	256	Landscaping and Groundskeeping Workers	138
Customer Service Representatives	254	Truck Drivers, Heavy and Tractor-Trailer	133
Laborers and Freight, Stock, and		Executive Secretaries and	
Material Movers, Hand	231	Administrative Assistants	130
Counter Attendants, Cafeteria and Coffee Shop	226	General and Operations Managers	128
Office Clerks, General	224	Construction Laborers	125
Stock Clerks and Order Fillers	221	Team Assemblers	124
Sales Representatives,		First-Line Supervisors-Food Preparation	
Wholesale & Manufacturing	211	and Serving	123
Janitors and Cleaners	200	First-Line Supervisors-	
Teacher Assistants	188	Managers Office & Administrative	119
Accountants and Auditors	182	Dishwashers	117
Carpenters	182	Security Guards	113
Child Care Workers	173	Maintenance and Repair Workers, General	110
Secondary School Teachers	171	Tellers	107
Food Preparation Workers	170	Medical Assistants	101
Receptionists and Information Clerks	168	Hairdressers, Hairstylists, and Cosmetologists	98
Bookkeeping, Accounting, and Auditing Clerks	161	Business Operations Specialists, All Other	96
Cooks, Restaurant	157	Counter and Rental Clerks	93
Elementary School Teachers,		Plumbers, Pipefitters, and Steamfitters	88
Except Special Education	154	Computer Systems Analysts	88
Home Health Aides	151	Dining Room and Cafeteria Attendants	87
Maids and Housekeeping Cleaners	148	Personal and Home Care Aides	84

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